WNAP 3G MOBILE ROUTER

Quick Installation Guide

Quick Installation Guide of WNAP 3G Mobile Router

※ To avoid users without access right through your WNAP 3G Mobile Router, it is suggested to change WLAN SSID and password and admin password for web configuration login.

Preparation

1 At lease one PC with IEEE802.11b/g/n WLAN client or 10/100Mb Ethernet adapter installed.

2 One straight-through Category 5 Ethernet cable, used to link WAN interface to xDSL or CM for Internet connection or 3G USB modem for your 3G Internet connection.

3 WNAP 3G Mobile Router.

Check package contents:

- ✓ WNAP 3G Mobile Router
- ✓ DC Power Adapter
- ✓ User's manual CD-ROM
- ✓ 1.8M RJ-45 Cable Line (Option)

Collect Installation Information:

WAN configuration (Contact your ISP or network administrator for these information's below)

- ○ ***DHCP Client***
- ○ ***Static IP***

IP Address	□□□ . □□□ . □□□ . □□□
Subnet Mask	□□□ . □□□ . □□□ . □□□
Default Gateway	□□□ . □□□ . □□□ . □□□
DNS Address	□□□ . □□□ . □□□ . □□□

- ○ ***PPPoE***

User Name	
Password	

- ○ ***PPTP***

IP Address	□□□ . □□□ . □□□ . □□□
Subnet Mask	□□□ . □□□ . □□□ . □□□
Server IP Address	□□□ . □□□ . □□□ . □□□
User Name	
Password	

- ***L2TP***

IP Address	□□□ . □□□ . □□□ . □□□
Subnet Mask	□□□ . □□□ . □□□ . □□□
Server IP Address	□□□ . □□□ . □□□ . □□□
User Name	
Password	

- ***GSM 3.5G***

3.5G Device	

APN	
PIN	

LAN configuration

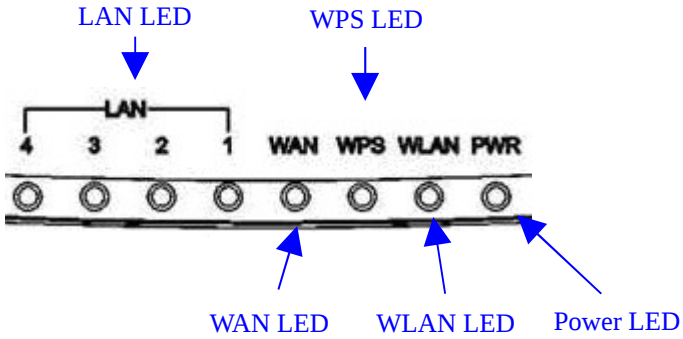
IP Address	□□□ . □□□ . □□□ . □□□
Subnet Mask	□□□ . □□□ . □□□ . □□□

WLAN configuration

SSID	
Mode	
Channel Number	

USB Parts and Functions of WNAP 3G Mobile Router:

Panel Description



LED Indicator	State	Description
1. PWR LED	On	The WNAP 3G Mobile Router is powered on.
	Off	The WNAP 3G Mobile Router is powered off.
2. WLAN LED	Flashing	WLAN is active
	Off	WLAN is off
3. WPS LED	Flashing	The WPS feature is Enabled.
	Off	The WPS feature is Disabled.
4. WAN LED	Flashing On	Data is transmitting or receiving on the WAN Port linked.
	Off	No link.
5. LAN LED	Flashing	Data is transmitting or receiving on the LAN
	On	Port linked.
	Off	No link.

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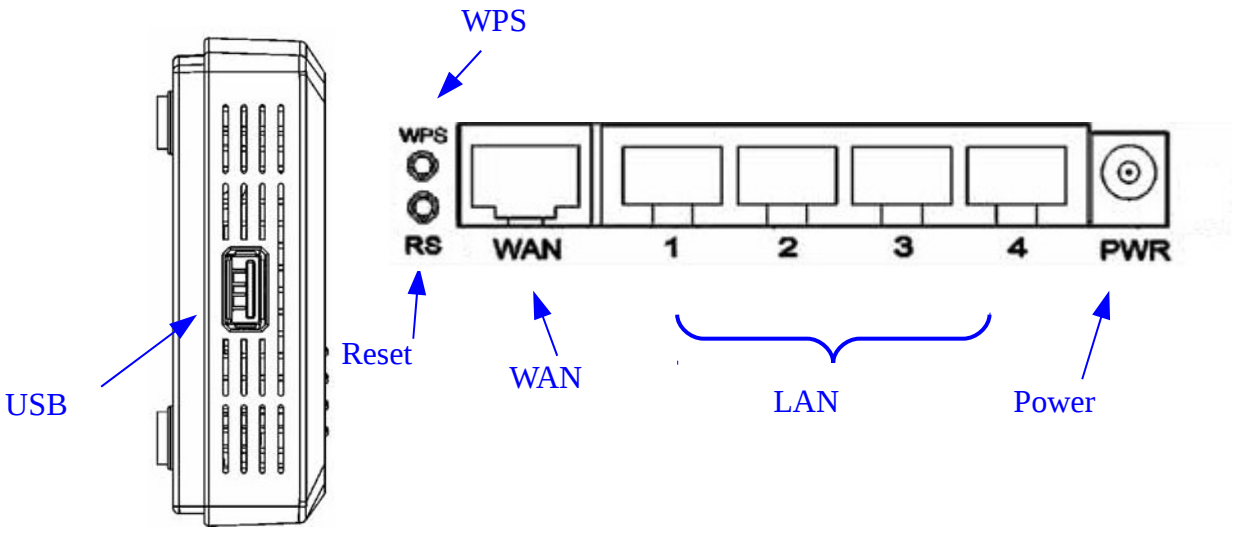

Interfaces	Description
Antenna (SMA)	The Wireless LAN Antenna.
PWR (Power)	The power jack allows an external DC power supply connection. The external DC adaptor provide adaptive power requirement to the WLAN Broadband Router.
LAN	The RJ-45 sockets allow LAN connection through Category 5 cables. Support auto-sensing on 10/100M speed and half/ full duplex; comply with IEEE 802.3/ 802.3u respectively.
WAN	The RJ-45 socket allows WAN connection through a Category 5 cable. Support auto-sensing on 10/100M speed and half/ full duplex; comply with IEEE 802.3/ 802.3u respectively.
WPS	Push continually the reset button 5 ~ 10 seconds to enable the WPS feature.
USB	The USB port allows you to connect 3G USB modem for Internet connection or USB Storage connection to support FTP server, File server.
RS (Reset)	Push continually the reset button 5 ~ 10 seconds to reset the configuration parameters to factory defaults.

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Installation

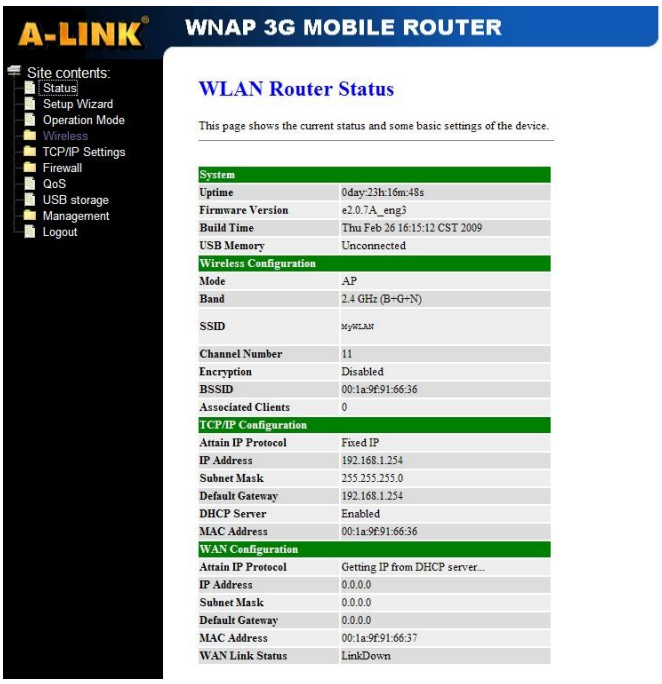
Step One – Power On WNAP 3G Mobile Router

Connect DC Power Adapter to WLAN Broadband Router and the wall power socket.

Notice: It will take about 50 seconds to complete the boot up sequence after powered on the WNAP 3G Mobile Router; Power LED will be active, and after that the WLAN Activity LED will be flashing to show the WLAN interface is enabled and working now.

Step Two – Configure WNAP 3G Mobile Router

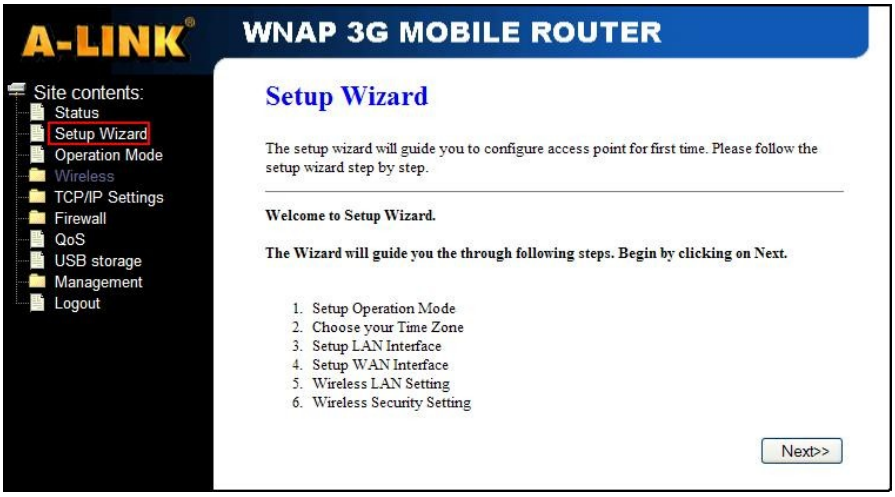
1. Connect your PC to LAN port for configuration setting. WNAP 3G Mobile Router is delivered with the following factory default parameters on the Ethernet LAN interfaces.



- Default IP Address**:** ***192.168.1.254***
- Default IP subnet mask**:** ***255.255.255.0***
- WEB login User Name**:** *admin*
- WEB login Password**:** *admin*
- Configure your PC with IP address between 192.168.1.1 to 192.168.1.253 and subnet mask to be 255.255.255.0, then open an Internet browser (i.e. Microsoft IE6.1 SP1 or above) to connect WNAP 3G Mobile Router by entering http://192.168.1.254 to URL field.

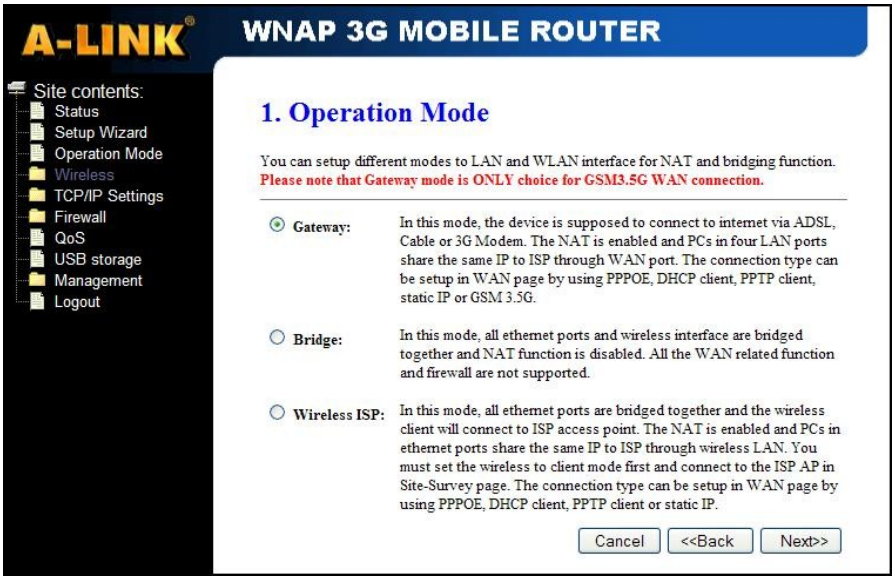
The following example is to configure router as “Gateway” mode that use factory default value. You may change those values if you think that is necessary.

2. Click “Setup Wizard” in submenu of Site contents



■ Click “Next>>” button to go next.

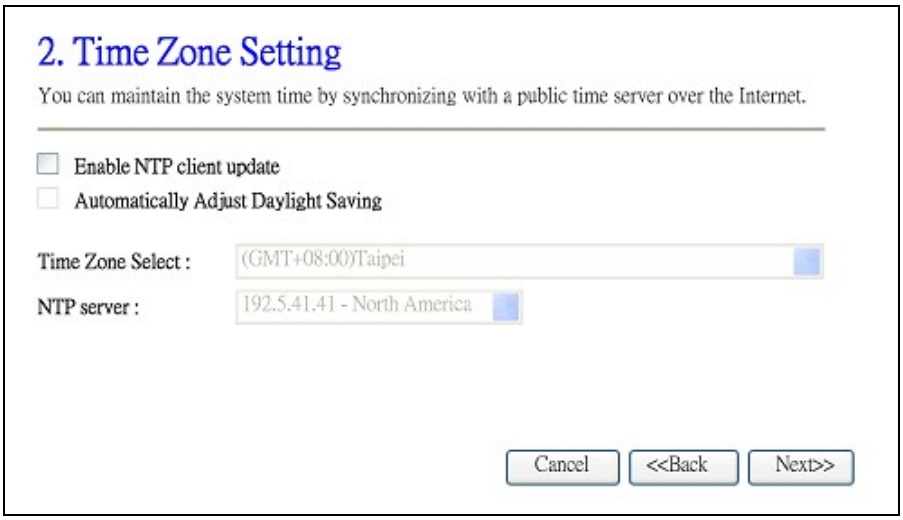
3. Configure Operation Mode


A-LINK
WNAP 3G MOBILE ROUTER
Site contents:
Status
Setup Wizard
Operation Mode
Wireless
TCP/IP Settings
Firewall
QoS
USB storage
Management
Logout
1. Operation Mode
You can setup different modes to LAN and WLAN interface for NAT and bridging function.
Please note that Gateway mode is ONLY choice for GSM3.5G WAN connection.
Gateway: In this mode, the device is supposed to connect to internet via ADSL, Cable or 3G Modem. The NAT is enabled and PCs in four LAN ports share the same IP to ISP through WAN port. The connection type can be setup in WAN page by using PPPOE, DHCP client, PPTP client, static IP or GSM 3.5G.
Bridge: In this mode, all ethernet ports and wireless interface are bridged together and NAT function is disabled. All the WAN related function and firewall are not supported.
Wireless ISP: In this mode, all ethernet ports are bridged together and the wireless client will connect to ISP access point. The NAT is enabled and PCs in ethernet ports share the same IP to ISP through wireless LAN. You must set the wireless to client mode first and connect to the ISP AP in Site-Survey page. The connection type can be setup in WAN page by using PPPOE, DHCP client, PPTP client or static IP.
Cancel
<<Back
Next>>

■ Click “Gateway”.

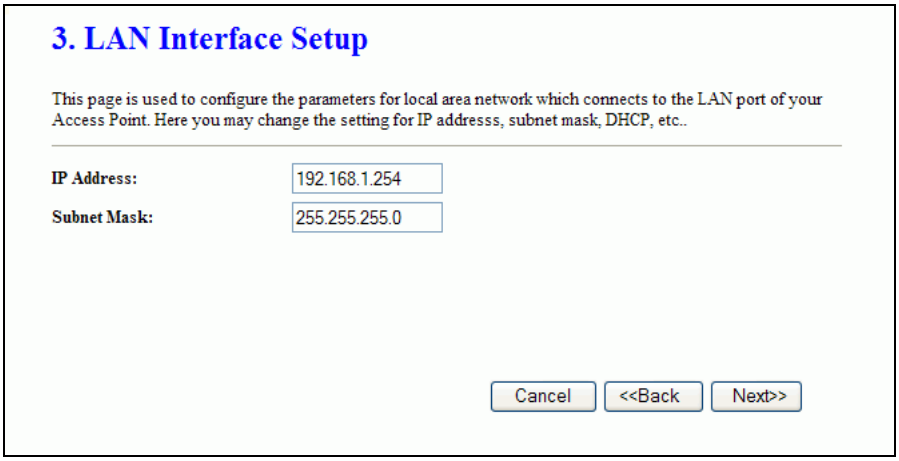
■ Click “Next>>” button to go next.

4. Configure Time Zone Setting configuration


2. Time Zone Setting
You can maintain the system time by synchronizing with a public time server over the Internet.
Enable NTP client update
Automatically Adjust Daylight Saving
Time Zone Select :
(GMT+08:00)Taipei
NTP server :
192.5.41.41 - North America
Cancel
<<Back
Next>>

■ Click “Next>>” button to go next.

5. Configure LAN Interface Setup

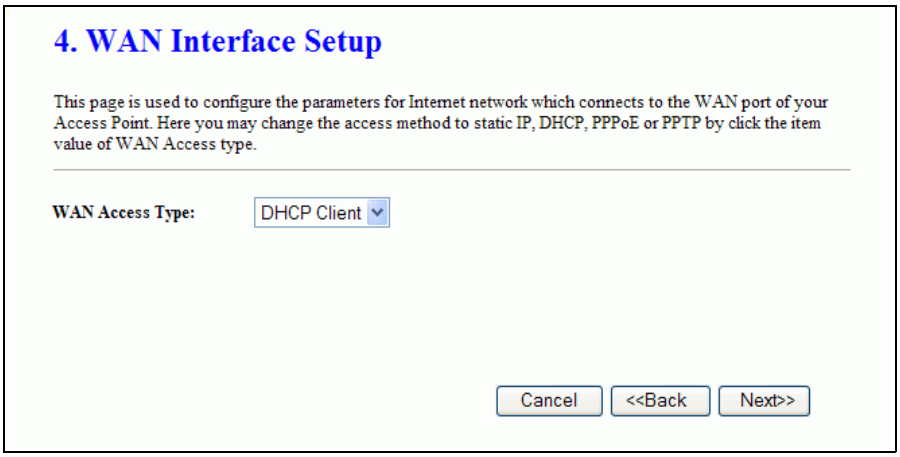

3. LAN Interface Setup
This page is used to configure the parameters for local area network which connects to the LAN port of your Access Point. Here you may change the setting for IP addresss, subnet mask, DHCP, etc..
IP Address:
192.168.1.254
Subnet Mask:
255.255.255.0
Cancel
<<Back
Next>>

■ IP Address: 192.168.1.254.

■ Subnet Mask: 255.255.255.0.

■ Click “Next>>” button to go next.

6. WAN Interface Setup


4. WAN Interface Setup
This page is used to configure the parameters for Internet network which connects to the WAN port of your Access Point. Here you may change the access method to static IP, DHCP, PPPoE or PPTP by click the item value of WAN Access type.
WAN Access Type:
DHCP Client
Cancel
<<Back
Next>>

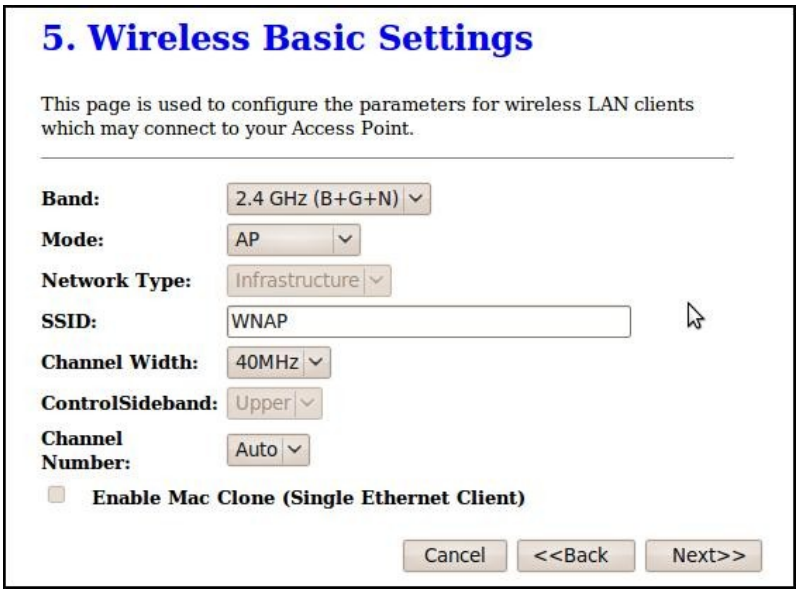
■ WAN Access Type: Select WAN connection of ISP provides.

◇ WAN Options: Static IP,

DHCP Client, PPPoE, PPTP, L2TP, GSM 3.5G

■ Click “Next>>” button to go next.

7. Wireless Basic Settings

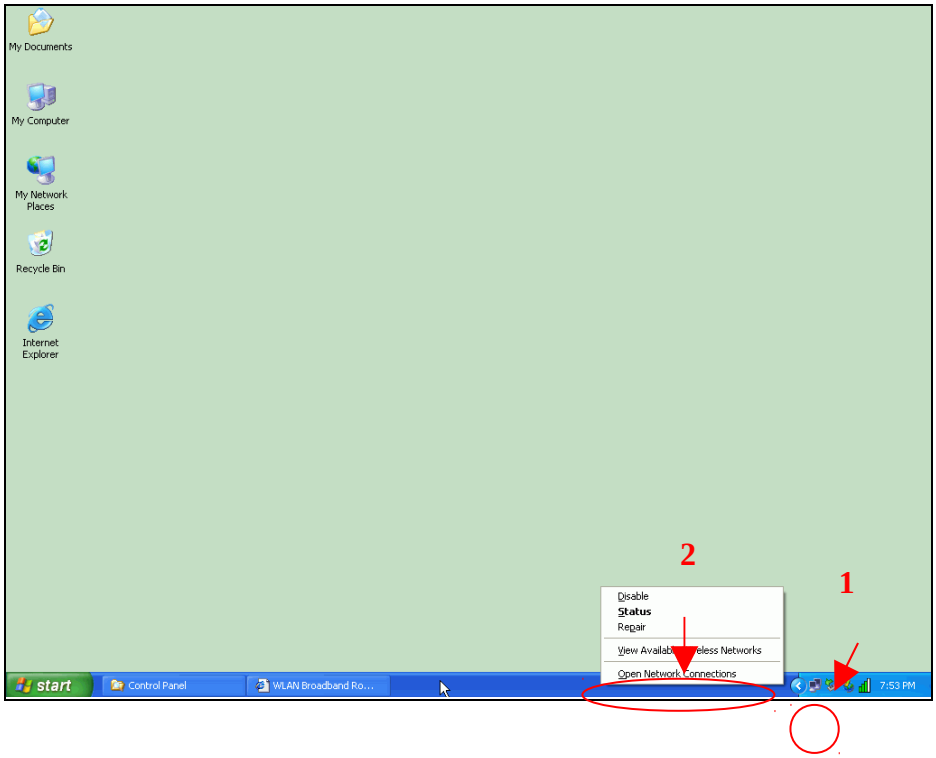


■ Band: 2.4GHz(B+G)
■ Mode: AP
■ Network Type: disabled
■ SSID: WNAP
■ Channel: Auto
■ Enable Mac Clone: disabled
■ Click “Next>>” button to go next.

8. Wireless Security Setup

■Encryption: WPA2 Mixed
◇ Options:
None, WEP, WPA (TKIP), WPA2 (AES), WPA2 Mixed
■Click “Finished” button to close setup session.

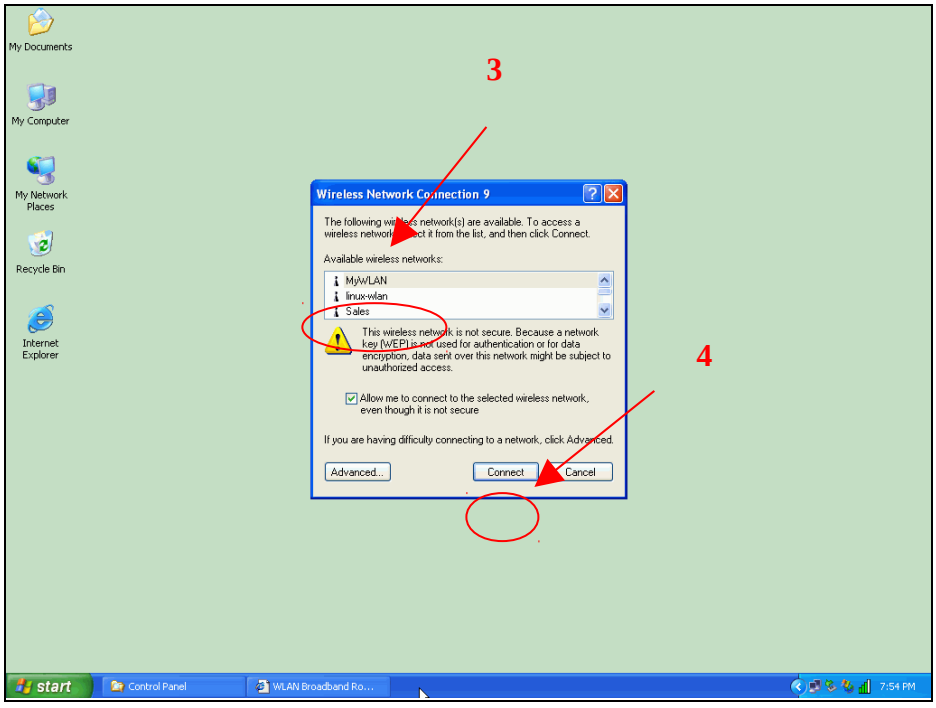
Step Three – Connect WLAN client to WNAP 3G Mobile Router wirelessly



On your wireless client PC:

1. Move your mouse to the Network icon on the Task bar and right click the mouse button to bring up the pop-up menu.

2. Click the View Available Wireless Networks on the pop-up menu.


My Documents
My Computer
My Network Places
Recycle Bin
Internet Explorer
3
4
Wireless Network Connection 9
The following wireless network(s) are available. To access a wireless network, select it from the list, and then click Connect.
Available wireless networks:
MyWLAN
linux-wlan
Sales
This wireless network is not secure. Because a network key (WEP) is not used for authentication or for data encryption, data sent over this network might be subject to unauthorized access.
Allow me to connect to the selected wireless network, even though it is not secure
If you are having difficulty connecting to a network, click Advanced.
Advanced...
Connect
Cancel
start
Control Panel
WLAN Broadband Ro...
7:54 PM

3. Select the specific WLAN network (SSID) from the Available Networks list.

4. Click the Connect button to establish the communication link to the wireless network

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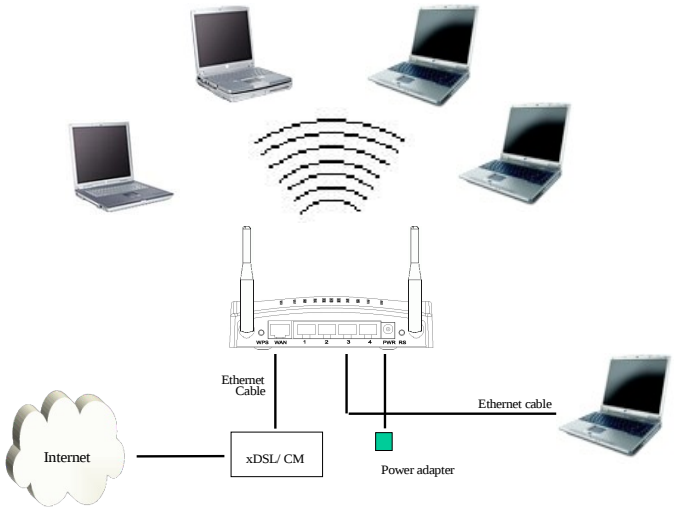

The wireless network diagram of WNAP 3G Mobile Router..

Please consult the user's manual of WNAP 3G Mobile Router for detailed and complete operation guide.

Product is in accordance with directive 1999/5/EY (CE).

WNAP(c) EAN: 64 18949 02217 7

RoHS

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